Northusetern! (f mon Boss?)

## Fine Arts

1) Strongly influenced by Pissarro, this artist's early work featured heavy use of the palette knife. He painted expressionist and impressionist works. FTP, name this painter who recently was the focus of a major exhibition in Philadelphia and created House of the Hanged Man?
ANS: PAULCÉZANNE

## Science

2) Plants in this group, including some orchids, do not have chlorophyll and thus cannot photosynthesize. Fungi are also included, FTP, in what group that relies on dead organic matter for its food and assists in the breakdown of dead plants and animals.
ANS: SAPROPHYTES.
History
3)Charles Lindbergh's son is kidnapped; The Nazis first take control of the Reichstag; Babe Ruth may or may not have called his shot in the World Series; Amelia Earhart crosses the Atlantic; and Herbert Hoover loses the Presidency. FTP, name the year. ANS: 1932

## Entertainment

4) She cheated on her boyfriend while he was serving in the army --according to a flamenco hit. By 1996, hundreds of versions of the song were rampant and three of them appeared simultaneously on the Billboard Hot 100. FTP, name this ubiquitous song and dance that has been performed just about everywhere, including the Democratic National Convention.
ANS: MACARENA

## Fine Arts

5) At the age of 23 , she had her own modern dance company which she ran until 1988 when she became an artistic associate to the American Ballet Theater. FTP, name this choreographer whose works include the musical "Deuce Coupe" and the movie versions of "Hair" and "Amadeus."
A: Twila THARP

## Geography

6) It's terrain is entirely mountainous, containing both the Alai and Tien-Shan ranges. The Nary river runs east-West through this country, which in 1936 became a fullfledged Soviet republic. FTP, name this central Asian nation whose capital is Frunze.

ANS: KIRGIZIA

## History

7) Although he declined William Howard Taft's offer of a federal judgeship, he accepted a position on the U.S. Supreme Court twenty years later in 1932, making him one of three New Yorkers on the high court at the time. FTP, name this former New York Chief Judge, for whom Yeshiva University's law school is named.
ANS: BENJAMIN N. CARDOZO (Car-Do-zah)

## Literature

8) His father was a doctor who once helped a native American woman deliver a baby. Readers caught various glimpses of his childhood and young adulthood, as he broke up with his girlfriend at Horton's Bay at got punched by an ex-boxer when he ran away from home. FTP, name this subject of short stories including "Big Two-Hearted River," often considered the embodiment of Hemingway's own childhood.

ANS: NICK ADAMS (prompt if only first or last name is given)
History
9)He was born Giuliano della Rovere, but Rex Harrison played him in the movie, "The Agony and the Ecstasy." Made a cardinal by his uncle Sixtus IV, it is to him we owe the new basilica of St. Peter, as well as Michaelangelo's Last Judgment in the Sistine Chapel. FTP name this pope, the second to share his name with the Roman dictator who was murdered on the Ides of March.
ANS. Julius II

## Entertainment

10)A former basketball player at Santa Clara who claimed to have set a team record in turnovers, he seemed to destined to become the next Chris Berman before recently deciding to try to become another Dennis Miller. FTP, name the former ESPN SportsCenter anchor famous for his "Release, Rotation, Splash" now host of Comedy Central's "The Daily Show."
ANS: CRAIG KILBORN

## Current Events

11)Calling the action "haphazard" and "dishonest," Rep. Maxine Waters was the only member of the House of representatives to vote against legislation criminalizing the use of drug. FTP, name this so-called "date rape drug."
ANS: Rohypnol

## HALFTIME

History
12)As emperor of Rome he marched and conquered the lands up to the Persian Gulf. Never before and never again would another Roman emperor reign over such a vast dominion. FTP, name this successor of Nerva.
ANS: TRAJAN

## Literature

13)This collection of short stories includes titles such as Hands, Drink, "Queer" and Godliness. Set in a small and fictional Midwestern town, the author may have wished to call his collection "The Book of the Grotesque," after the introductory story instead of the geographic title it was given. FTP name this Sherwood Anderson work.
ANS: WINESBURG, OHIO

## Current Events

14)Over 20,000 guests attended the wedding of this African former Marxist president. FTP, who is this President who recently married his secretary in Zimbabwe?
ANS: ROBERT MUGABE

## Literature

15)"What about hanging ourselves?" "Hmm...It'd give us an erection." This is a small peice of dialogue from an absurdist play with supporting characters "Lucky" and "a boy." FTP, name this play whose set direction consists of "A country road. A tree. Evening." ANS: WAITING FOR GODOT

Entertainment
16) He attended NYU on a fencing scholarship and is actually part of a Harley-Davidson fan club. Fittingly, it is called the Mild Ones. FTP, name this adult contemporary star
whose new country influenced album, "Tennessee Moo," is much different from such songs as "America," "Sweet Caroline," and "Girl, you'll Be a Woman Soon."
ANS: Neil DIAMOND

## Rel/Myth

17)According to Hesiod, she was the daughter of the Titan Thaumas and the nymph Electra. It was her task to draw water from the River Styx which the gods used whenever declaring a solemn oath. FTP, name this Greek goddess of the rainbow.
ANS: IRIS
Science
18)There is a biological view that all but one $X$ chromosome are inactivated in each cell. FTP, name this hypothesis which involves Barr bodies.
ANS:LYON HYPOTHESIS

## Social Science

19)Although he agreed with Adam Smith about the tendency of demand for labor to expand and drive up wages, he was not as optimistic as Smith about the sustainability of this process. Instead he believed that an expanding economy would mean the need for more grain, which would lead to less arable land being cultivated. Because of these views, he fought against the British Corn Laws. FTP, name this economist associated with the theory of agricultural land rents, who was not played by Desi Arnaz in the movie version.

## ANS: David RICARDO

## Literature

20)His novels are concerned with the individual in an indifferent society. His more recent works include The Bellarosa Connection and More Die of Heartbreak. FTP, name this Pulitzer prize winning author of Humboldt's Gift.
ANS: SAUL BELLOW

## Entertainment

21)In the 1980 cult classic "Midnight Madness," he was billed without a middle initial, but when he became famous, he took one, but it was not his own. In the meantime, he would later make a name for himself as a character with middle initial P. FTP, name this actor whose real middle initial is A, now starring in "Spin City."
ANS: Michael J. FOX

## Literature

22)This work was edited by Varius and Tucca, two friends of its author. The author, though, had requested in his will that the manuscript be destroyed, but this was overturned by the Emporer Augustus. FTP, name this epic work on the founding of Rome by Publius Vergilius Maro.
ANS: THE AENEID
20) He was considered the father of the pharaoh and was depicted in human form as an older man symbolizing the setting sun. FTP, name this primeval Egyptian sun god, creator of heaven and earth.
ANS: ATUM
22)FAQTP, name the minute single-celled freshwater organisms characterized by the presence of chlorophyll, a reddish eyespot, and a single anterior flagellum.

## ANS: EUGLENA

25)You can get on and off at Cranberry, Bedford, or Mount Vernon, among other places, or you can continue on its Northeast Extension. It intersects Interstate 70 at Breezewood, the self proclaimed "Town of Motels." FTP, name this toll road which stretc hes from Philadelphia to Pittsburgh.
ANS: THE PENNSYLVANIA TURNPIKE
26)In 1949, English biochemist Dorothy Hodgkin became the first to use a computer to determine the structure of an organic chemical. The chemical she studied consists of salts from a series of antibiotic organic acids produced by species of Aspergillus an d Penicillium. FTP, name this popular antibiotic first discovered by Alexander Fleming in 1928.
A: PENICILLIN
17)In one of the most surreal scences of the Atlanta Olympics, visitors to the House of Blues could surf the Web after touring Muddy Waters' boyhood home. The Internet terminals were provided by, FTP, this company who developed the club's Web site using their signature product, Java.
A: SUN MICROSYSTEMS
29)Colonel Harland Sanders was correct in predicting that he would be a success when he spotted him working at an Indianapolis restaurant. Eventually, he would follow in the Colonel's footsteps by not only starting his own fast-food chain but also appeari ng in 500, and counting, television commercials, even though we have never seen the namesake of restaurant itself. FTP, name this beloved founder of Wendy's.
ANS: Dave Thomas
30)This most recently discovered, naturally stable form of carbon, carrying the formula C-60, is named for the creator of the geodesic dome. FTP, give the correct name of the substance commonly known as a buckyball.
ANS: Buckminsterfullerene
31)In ancient Greece, they believed men should live in a simple state of nature with as few needs as possible. Today, they are a somewhat bitter group of people who believe selfishness motivates individual actions. FTP, name this people, the former group originally a school of philosophers founded by Diogenes.
A: CYNICS


BON
Rel/Myth 30

1) All of the Norse Gods wept when the most beloved of their number, Balder, was killed. Answer these questions concerning Balder's death.
1)FTP, what was the arrow that slew Balder made of?

ANS: MISTLETOE
2) For 15 pts, name the blind brother of Balder who shot the arrow.

ANS: HODUR
3) For 5 pts, what other god guided the arrow to its mark killing Balder?

ANS: LOKI
Science 30
2) Way back when you were an embryo, your chromosomes mutated to make you unique. FTP each, identify these three common mutations.

1) Following a single break, the free ends fail to rejoin.

## ANS: DELETION

2) A transfer of genetic material between non-homologous chromosomes.

ANS: TRANSLOCATION
3) The broken ends in a deletion rejoin, but with the central segment reversed in orientation.
ANS: INVERSION
Bus/Comp 30
3) The name is the same, 30-20-10:

30: A name for a Six Flags roller coaster where riders stand, not sit, during the ride.
20: A multimedia program produced by Macromedia that creates animations and games for the World Wide Web.
10: The Decepticon military leader who transforms into a laser gun and also tried to overthrow Megatron.
ANS: SHOCKWAVE
Entertainment 20
4) Many movies have been based on literary works, some more loosely than others. For five points each, name the author of the literary work upon which each of the following movies was based.

1) "The Natural" ANS: Bernard

MALAMUD
2) "Field of Dreams"

ANS: W.P. KINSELLA
3) "Apocalypse Now"

ANS: Joseph CONRAD
4) "Ordinary People"

ANS: Judith GUEST

## Science 20

5) Given a famous volcano and a short description, give the type of volcano FTP each. 1. In west central Mexico, Paricutin is one of the largest types of this volcano in the world. Its made of tephra with a bowl-shaped depression at its apex. The shape of this type of volcano is controlled by gravity.
ANS: CINDER CONE
2. Made of pahoehoe, this type of volcano features very gentle slopes. Eruptions occur at the central vent, and a caldera forms at the summit afterwards. Kilauea in Hawaii represents this type of volcano.

ANS: SHIELD VOLCANOES
Rel/Myth 30
6) Name the religious figure, $30-20-10$ :

30: He is the patron saint of funeral directors.
20: He was the Jewish councillor who helped take Jesus' body from the cross.
10: Glastonbury legend points to him as keeper of the Holy Grail
A: JOSEPH OF ARIMATHEA
GK/ Pop Culture 30
7)Some people adorn their names with numerous titles to symbolize their profession or just to prove their greatness to others. FTP each, identify the title from the initials.
a. Ph. G.
A: GRADUATE IN PHARMACY
b. S.J.
c. F.R.S.

A: SOCIETY OF JESUS<br>A: FELLOW OF THE ROYAL SOCIETY

History 20
8)The Middle East is not a very peaceful place, and has not been for the latter half of the twentieth century. FTP each, given the Middle eastern conflict, name the Israeli Prime Minister who presided.
1)Suez Crisis

ANS: David BEN-GURION
2) Yom Kippur War

ANS: Golda MEIR
Literature 30
9)Name this 1961 novel based on the quotations. $30-20-10$

30 pts- "He had decided to live for ever or die in the attempt"
20 pts- "He was a self-made man who owed his lack of success to nobody"
10 pts- "Frankly, l'd like to see the government get out of war altogether and leave the whole field to private industry"
ANS: CATCH-22
Geography 20
10) You all know the U.S. state capitals, and the Canadian provincial capitals as well. But given the Australian Province, can you tell me its capital for 5 points apiece

1) New South Wales
2) Western Australia
3) South Australia
4) Queensland

SYDNEY
PERTH
ADELAIDE
BRISBANE

Science 30
11)In 1535, an episode in Italy over a method of solving cubic equations led to the precedent that credit for a discovery goes not necessarily to the original discoverer, but to the first who publishes it.
a. For 15 points, name the Italian mathematician who is often given credit for discovering the method to solve cubic equations since he first published it.
Ans. Geronimo CARDANO
b. For another 15 points, name the other Italian mathematician, the one who actually originated the method.
Ans. Nicolo TARTAGLIA
History
12)In 1959, Senator John F. Kennedy chaired a Senate sub-committee which sought to honor the 5 most influential Senators in American History by having their portraits
placed in the Senate Reception Room. For 5 points apiece, name these 5 most influential senators

Ans. John C. CALHOUN, Henry CLAY, Robert LAFOLLETTE, Robert TAFT, and Daniel WEBSTER

## Fine Arts 30

13)FTP, given the years and country where it was founded, name the art movement. If you need an artist, the question is worth five points.
a. 10: 1909-19 Italy

5: Boccioni
A: FUTURISM
b. 10: Landscape artists in France 1840-70

5: Theodore Rosseau
A: BARBIZON SCHOOL
c. 10: Russia 1913

5: Malevich
A: SUPREMATISM
History 20
14)For 10 points apiece, given the Civil War Battle, you tell me the state or territory in which it occurred

1) Port Hudson
LOUISIANA
2) La Glorieta Pass
NEW MEXICO Territory

## Literature 20

15)Many authors have penned works using pseudonyms in addition to using their real names. FTP, identify the author from a pen name he or she used. If you need the name of one of their works, you get five points.
a. 10: Constant Reader

5: Laments for the Living
A: Dorothy PARKER
b. 10: Guy Fawkes

5: My Ten Years in a Quandary
A: Robert BENCHLEY

## Geography 25

16) Name the city and state 25-15-10
17) It celebrated its bicentenial in 1996, though with a different spelling than its founder intended.
18) Some of this city's historic firsts include the first electric stop light and the first usage of the term rock ' $n$ roll
19) Its newly built sports facilities include Gund Arena and Jacobs Field

Ans. CLEVELAND

## Social Science 20

17)Robert's Rules of order has been, for more than a century, the United States' recognized guide to smooth, orderly and fairly coordinated meetings. For 5 points apiece, state whether the following motions require a simple majority, $2 / 3$ majority, or none of the above

1) Limit or Extend Debate
2/3 majority
2) Adjourn
3) Consider Seriatim

Simple majority
Simple Majority
4) Division of the Assembly

None of the above (only 1 member needed)
Science 30
18)Surface waves are a form of seismic waves in which the energy is transmitted along the surface of the Earth. There are two types of surface waves each named for a noted seismologist.
a. For 15 pts, name the transverse surface wave in which particle motion always lies in the surface along which the wave is propogated.
ANS: LOVE waves
b. For 15 pts, name the type of surface wave unique in that it is the only type of seismic wave where particle motion moves in an elliptical orbit.
ANS: RAYLEIGH waves
Religion 30
19)The Greek Orthodox archdiosces of North and South America is divided into 4 juristictions. For 10 points name these 4 juristictions
ANS.: CANADA; CENTRAL AMERICA \& MEXICO; SOUTH AMERICA; and the UNITED STATES
Now for 5 points apiece, given the juristiction, name the city it is contered in.

1) United States
2) Canada
3) Cent. America \& Mexico
4) South America

MANHATTAN (accept New York City)
TORONTO
MEXICO CITY
BUENOS AIRES

History 30
20)For 10 pts apiece, given the amendment to the US Constitution, give the court case which was overturned by the amendment.

1) 11th Amendment
ANS: CHISOLM V. GEORGIA
2) 14th Amendment ANS: DREDSCOTT V.SANFORD
3) 16th Amendment ANS: POLLOCK V. FARMERS LOAN \& TRUST CO.
4) Name the individual $30-20-10$
5) He took his religious name from that of a Cypriot saint who lived 1700 years ago and who was revered for his skills as a shepherd.
6) He was born in Warren, OH , graduated high school in Tarpon Springs, Florida right before he returned to Greece for the second time. He then went to Turkey, where he graduated from the theological school at Halki.
7) He succeeded Archbishop lakovos on Sept. 21, 1996 to become the 5th Greek Orthodox Archbishop of the United States.
Ans. Archbishop Spyridon (acc. George Papageorgiou)
8) Name the author from his works, $30-20-10$
9) Rodney Stone
10) A series of mystery stories in Strand magazine entitled "Round the Fire"
11) Sign of Four

Ans. Sir Arthur Conan Doyle
24)Success on NBC's "Friends" doesn't necessarily translate well at the box office. FTP each, name the Friends' star who tried to capitalize on their success with the following films:
a. "She's the One"

ANS: Jennifer
ANISTON
b. "Ed"
c. "The Pallbearer"

ANS: Matt LEBLANC
ANS: David SCHWIMMER
25)Just as voters have a choice in elections, you have a choice in this bonus. Given the Presidential victor and the year, FTP name the losing Vice Presidential candidate, or for five points name the losing Presidential candidate. You mayonly answer onc $e$, so state which part you are answering.

Abraham Lincoln, 1864.
Theodore Roosevelt, 1904
Dwight Eisenhower, 1956

ANS: (10 pts): George Pendleton ( 5 pts ): George McClellan<br>ANS: (10 pts): Henry Davis ( 5 pts ) Alton Parker<br>ANS: (10 pts): John Sparkman<br>( 5 pts ): Adlai Stevenson

31)FTP each, name the functional group of an organic compound from a description.
a. A carbon double bonded with oxygen

A: CARBONYL
b. An oxygen and hydrogen single bonded at the end of a molecule

A:HYDROXYL
c. A carbonyl and hydroxyl bonded together

A: CARBOXYL
32)Of Suetonius' Twelve Caesars, 5 are said to have been "afterwards deified." For 5 points a piece, name these 5 deified Caesars.
Ans. Julius, Augustus, Claudius, Vespasian, Titus
4)Name the historical figure from his quotations, $30,20,10$ :

30: "You can do anything with children if you only play with them."
20: "If there is ever another war in europe, it will come out of some damned silly thing in the Balkans."
10: "Politics is the art of the possible."
ANS: Otto von Bismarck
11)Before God flooded the Earth, Noah was told to place his family on the boat. For an easy thirty points or ten points apiece, name Noah's three sons.
ANS: SHEM, HAM, JAPETH
12)Very few things in life are constant, but the answers to this bonus are. For the stated number of points, give the accepted values for the following constants in physics.
5 pts: Absolute zero, given in degrees Celsius.
ANS: -273.16
10 pts: The gravitational constant, " $G$ " in the equation: $F=G M m / r 2$, in Newton-meters squared perkilogram squared
ANS: $6.67 \times 10-11$
15 pts: Planck's constant, given in Joule-seconds
ANS: $6.626 \times 10-34$

